



<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/644,566	
	Filing Date	August 19, 2003	
	First Named Inventor	Herbert A. Leupold	
	Art Unit	1773	
	Examiner Name	K. Bernatz	
Total Number of Pages in This Submission	3	Attorney Docket Number	CECOM 5472

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Ursula Buki  
Ursula Buki

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: **LEUPOLD**

Serial No.: **10/644,566**

Filed: **August 19, 2003**

For: **STRUCTURES PRODUCING A MAGNETIC FIELD WITH A GRADIENT**

Attorney

Examiner: **Bernatz, K.**

Docket No.: **CECOM-5472**

GAU: **1773**

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia, 22313-1450

**ELECTION OF CLAIMS IN RESPONSE TO RESTRICTION REQUIREMENT**

Sir:

In response to the Office Action dated September 14, 2004, the Applicant hereby elects claims 19-28 and 53-56, which are drawn to the spherical magnetic field source species, which the Examiner identified as a patentably distinct species, without traverse, for further examination.

**REMARKS**

Claims 1-56 are now in the case. No new claims have been added.

The Examiner required a restriction to one of four groups of inventions, under 35 USC § 121. According to the Examiner, the application includes claims directed to the following patentably distinct species of the claimed invention:

Planar Group – claims 1-9, an embodiment wherein the magnetic field source is planar, which is respectfully submitted as being depicted in FIG. 1;

Cylindrical Group – claims 10-18 and 49-52, an embodiment wherein the magnetic field